

FORM PTO-1449
V. 7-801U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

P-552

323,507

APPLICANT

Gene A. Bornzin (MEDTRONIC, INC.)

FILING DATE

23 November 1981

GROUP

335



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PAT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WEK	AA	4 3 1 3 4 4 2	2/2/82	Knudson	128	419	July 21, 1980
	AB						
	AC						
	AD						
	AE						
	AF						
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	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL					
	AM					
	AN					
	AO					
	AP					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

WEK	AR	"Relation Between Q _T Interval and Heart Rate New Design of Physiologically Adaptive Cardiac Pacemaker" by A.F. Rickards et al, published January, 1981 edition of the British Heart Journal, Vol. 45, PP. 56-61.
	AS	"Frequenzsteuerung von Schrittmachern durch Bluttemperatur" by Weisswange et al published in the Journal Deutsche Gesellschaft Fuer Kreislaufforschung, Vol. 44, 1978
	AT	Abstract entitled "An 'On Demand Pacemaker' Responsive To Respiration Rate" by Ionescu, Dept. of Cell Biology, BioMedical Engineering Unit, Institute of Biological Sciences, Splaiul Independentei 296, R-76748-Bucharest, Rumania

EXAMINER

DATE CONSIDERED

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24 Feb 84

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

WEL	AU	Article entitled "Ein Herzschrittmacher mit belastungsabhängiger Frequenzregulation" by H. D. Funke, published in Biomedizinische Technik, Band 20, Heft 6/1975
	AV	Abstract "Results, Problems and Perspectives in the Autoregulating Pacemaker" by Cammilli et al, published in the May-June 1980 edition of Pace Magazine.
	AW	Article entitled "A Physiologically Controlled Cardiac Pacemaker" by J. L. Krasner et al, published in the Journal of the American Association for Medical Instrumentation, Vol. 1, No. 3, November/December 1966

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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Wet	AX		An article entitled "A New Pacemaker Autoregulating the Rate of Pacing in Relation to Metabolic Needs," by Cammilli, et al, published in the Proceedings of the 5th International Symposium, 1976 Tokyo

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